

## UNITED STATES DEPARTMENT OF AGRICULTURE

## BUREAU OF AGRICULTURAL ECONOMICS

WASHINGTON, D. C.

RECEIVED

JUN 17 1952

September 19, 1950

DEPT. OF AGRICULTURE

Vegetable seeds: Acreage harvested, average 1940-44, annual 1945-50

K i n d	Average : 1940-44	1945	1946	1947	1948	1949	1950 1/
A c r e s							
*Beans, Dwf. Green	47,278	33,985	29,824	25,795	26,693	33,111	29,767
*Beans, Dwf. Wax	8,491	9,118	8,731	5,838	5,517	4,139	2,642
*Beans, Pole	6,685	6,663	6,099	6,534	6,563	6,888	3,072
*Beans, Dwf. Lima	13,223	10,382	14,037	15,681	15,499	10,539	9,294
*Beans, Pole Lima	1,348	1,030	1,175	1,100	953	1,116	639
Beet, Garden	3,820	4,645	2,112	2,768	1,293	1,560	1,470
Mangelwurzel	479	1,493	251	302	498	158	45
Broccoli	50	68	34	121	86	106	36
Brussels Sprouts	10	37	8	2	9	5	1
Cabbage	1,789	1,868	1,342	1,565	1,129	729	764
Cabbage, Chinese	54	43	29	30	16	22	10
Carrot	6,816	5,310	2,022	2,760	2,858	3,056	2,554
Cauliflower	150	108	137	244	189	115	34
Celery	85	121	121	161	39	39	31
Chard, Swiss	324	199	84	141	89	89	78
Chicory	91	104	67	53	60	11	7
*Corn, Sw., Hybrids	6,432	7,737	7,473	6,621	6,162	5,373	4,769
*Corn, Sw., Varieties	5,508	5,668	3,448	3,098	3,050	2,423	1,528
*Corn, Non-sweet	795	926	1,435	489	738	594	457
Cucumber	4,201	6,478	7,279	6,094	4,347	1,891	1,685
Dill	79	36	22	28	48	20	26
Eggplant	196	157	233	250	327	289	188
Endive	208	201	250	297	164	58	--
Kale	178	120	101	59	58	60	30
Kohlrabi	22	37	11	7	25	16	12
Leek	93	77	29	13	7	12	20
Lettuce, Heading	3,236	3,977	4,007	3,799	2,886	3,552	3,570
Lettuce, Loose-leaf	1,106	648	402	514	439	627	507
Lettuce, Romaine	276	143	191	271	246	97	35
Muskmelon	2,529	3,771	4,641	3,201	1,395	1,383	1,080
Mustard	1,208	1,043	555	600	272	527	634
Onion	4,775	8,360	2,470	2,657	1,364	1,710	2,238
Parsley	319	331	282	196	113	227	131
Parsnip	283	122	50	81	38	74	146
*Peas, Smooth	78,765	45,601	47,087	33,622	28,820	34,225	32,659
*Peas, Wrinkled	108,777	100,467	132,789	142,195	55,932	59,950	75,511
Pepper	1,797	2,753	4,588	4,067	2,734	3,049	3,631
Pumpkin	521	496	421	247	288	135	83
Radish	7,378	5,241	3,877	2,036	2,343	3,465	1,193
Salsify	30	26	34	52	8	--	3
Spinach	5,537	1,178	888	1,187	549	458	101
Squash, Summer	2,044	1,477	1,659	903	1,072	1,054	640
Squash, Winter	2,053	1,773	1,262	1,338	955	404	316
Tomato	11,979	11,895	14,252	11,170	7,656	8,008	8,802
Turnip	3,678	4,661	860	1,399	2,285	1,746	3,735
Rutabaga	780	640	32	83	304	185	233
Total, Large *Seeds	277,302	221,577	252,098	240,973	149,927	158,358	160,338
" , Small Seeds	68,174	69,637	54,603	48,696	36,189	34,937	34,069
GRAND TOTAL	345,476	291,214	306,701	289,669	186,116	193,295	194,407

1/ Prospective.



Vegetable seeds:		Yield per acre, average 1940-44, annual 1945-50					
K i n d	Average:	1945	1946	1947	1948	1949	1950 1/
	1940-44:						
P o u n d s							
*Beans, Dwf. Green	: 797	873	985	775	1,062	1,140	937
*Beans, Dwf. Wax	: 550	672	906	711	1,094	1,146	959
*Beans, Pole	: 1,047	868	989	907	1,056	1,268	1,126
*Beans, Dwf. Lima	: 998	969	960	957	1,420	1,256	1,229
*Beans, Pole Lima	: 1,239	1,005	910	1,031	1,387	1,323	1,332
Beet, Garden	: 539	559	665	661	683	1,206	846
Beet, Mangel	: 680	1,175	781	1,432	1,189	1,241	1,467
Broccoli	: 814	1,025	708	918	1,163	1,208	722
Brussels Sprouts	: 252	259	330	40	444	600	500
Cabbage	: 390	460	440	655	438	853	453
Cabbage, Chinese	: 457	271	601	592	500	864	600
Carrot	: 330	356	367	425	475	452	438
Cauliflower	: 399	240	404	405	476	539	382
Celery	: 411	447	604	540	821	615	355
Chard, Swiss	: 857	689	888	587	910	1,258	1,051
Chicory	: 186	132	119	326	233	636	429
*Corn, Sw., Hybrids	: 1,197	1,330	1,515	1,906	1,795	1,875	1,839
*Corn, Sw., Varieties	: 1,127	1,177	1,311	1,292	1,545	1,818	1,527
*Corn, Non-sweet	: 1,298	1,498	1,185	925	1,827	1,912	1,810
Cucumber	: 188	234	262	266	357	292	304
Dill	: 486	471	558	339	929	400	692
Eggplant	: 98	107	77	90	83	80	74
Endive	: 398	557	457	648	713	1,155	---
Kale	: 499	321	350	192	379	583	600
Kohlrabi	: 504	685	200	448	1,280	1,375	833
Leek	: 289	577	174	492	429	417	450
Lettuce, Heading	: 224	158	219	218	186	237	231
Lettuce, Loose-leaf	: 373	335	376	417	387	478	465
Lettuce, Romaine	: 378	260	437	332	443	495	400
Muskmelon	: 185	204	225	267	255	304	294
Mustard	: 349	413	537	394	643	598	585
Onion	: 225	284	323	407	371	514	412
Parsley	: 745	715	625	795	611	903	832
Parsnip	: 706	929	914	649	816	635	740
*Peas, Smooth	: 1,070	1,039	1,160	1,194	937	692	1,025
*Peas, Wrinkled	: 893	843	976	929	1,095	938	1,068
Pepper	: 47	47	53	41	38	43	44
Pumpkin	: 219	276	285	302	382	326	313
Radish	: 311	401	325	479	396	758	446
Salsify	: 609	388	493	1,049	750	---	667
Spinach	: 545	509	640	715	632	697	653
Squash, Summer	: 245	329	362	345	398	468	356
Squash, Winter	: 125	139	200	194	138	309	282
Tomato	: 34	39	43	42	46	39	36
Turnip	: 562	704	651	673	517	666	644
Rutabaga	: 718	835	719	864	836	1,011	811

1/ Prospective



## Vegetable seeds: Production, average 1940-44, annual 1945-50

K i n d	Average: 1940-44	1945	1946	1947	1948	1949	1950 1/
Thousand pounds							
*Beans, Dwf. Green	37,625	29,685	29,378	19,989	28,358	37,733	27,899
*Beans, Dwf. Wax	4,574	6,129	7,907	4,149	6,036	4,742	2,533
*Beans, Pole	7,015	5,783	6,032	5,925	6,929	8,737	3,460
*Beans, Dwf. Lima	13,178	10,056	13,472	15,000	22,004	13,241	11,426
*Beans, Pole Lima	1,690	1,035	1,069	1,134	1,322	1,477	851
Beet, Garden	2,229	2,598	1,404	1,830	883	1,881	1,244
Beet, Mangel	359	1,755	196	432	592	196	66
Broccoli	42	70	24	111	100	128	26
Brussels Sprouts	3	10	3	2/	4	3	2/
Cabbage	742	860	591	1,025	495	622	346
Cabbage, Chinese	29	12	17	18	8	19	6
Carrot	2,403	1,889	741	1,173	1,357	1,382	1,119
Cauliflower	59	26	55	99	90	62	13
Celery	36	54	73	87	32	24	11
Chard, Swiss	289	137	75	83	81	112	82
Chicory	14	14	8	17	14	7	3
*Corn, Sw., Hybrids	7,849	10,293	11,325	12,619	11,062	10,072	8,770
*Corn, Sw., Varieties	6,168	6,669	4,520	4,001	4,712	4,404	2,334
*Corn, Non-sweet	1,039	1,387	1,700	1,452	1,348	1,136	827
Cucumber	794	1,516	1,904	1,619	1,550	552	513
Dill	37	17	12	10	35	8	18
Eggplant	21	17	18	23	27	23	14
Endive	83	112	114	192	117	67	---
Kale	74	39	35	11	22	35	18
Kohlrabi	20	25	2	3	32	22	10
Leek	33	44	5	6	3	5	9
Lettuce, Heading	695	628	876	830	538	842	823
Lettuce, Loose-leaf	399	217	151	214	170	300	236
Lettuce, Romaine	101	37	83	90	109	48	14
Muskmelon	448	769	1,046	855	356	420	318
Mustard	428	431	298	236	175	315	371
Onion	1,168	2,374	798	1,081	506	879	921
Parsley	233	237	176	156	69	205	109
Parsnip	201	113	46	53	31	47	108
*Peas, Smooth	84,444	47,380	54,631	40,132	27,005	23,698	33,485
*Peas, Wrinkled	97,950	84,737	129,552	132,043	61,225	56,224	80,676
Pepper	85	128	244	167	105	131	160
Pumpkin	111	137	120	75	110	44	26
Radish	2,304	2,101	1,259	974	928	2,626	532
Salsify	19	10	17	55	6	---	2
Spinach	3,183	600	569	849	347	319	66
Squash, Summer	492	487	600	312	427	493	228
Squash, Winter	264	246	252	260	132	125	89
Tomato	406	469	610	468	354	311	320
Turnip	2,023	3,279	560	942	1,181	1,162	2,405
Rutabaga	539	535	23	72	254	187	189
Total, Large *Seeds	261,532	203,154	259,586	235,444	170,001	161,464	172,261
" Small Seeds	20,366	21,993	13,005	14,428	11,240	13,602	10,415
GRAND TOTAL	281,898	225,147	272,591	249,872	181,241	175,066	182,676

1/ Prospective. 2/ Less than 1,000 pounds.



Vegetable seeds: Stocks held by dealers on June 30, average 1940-44,  
annual 1945-50

Kind	Average :1940-44:	1945	1946	1947	1948	1949	1950
T h o u s a n d   p o u n d s							
*Beans, Dwf. Green	11,320	18,345	15,121	10,990	6,000	6,389	12,810
*Beans, Dwf. Wax	2,696	1,485	1,720	2,741	1,991	3,697	4,181
*Beans, Pole	2,547	4,539	2,944	2,250	1,783	2,574	4,953
*Beans, Dwf. Lima	4,169	4,819	1,792	1,340	2,560	7,213	7,375
*Beans, Pole Lima	611	1,376	1,171	466	591	677	759
Beet, Garden	1,025	2,301	1,781	1,674	1,836	1,342	1,839
Mangelwurzel	115	238	251	126	81	160	303
Broccoli	47	86	100	77	105	161	160
Brussels Sprouts	4	7	11	11	6	7	7
Cabbage	608	1,230	1,152	956	1,080	956	1,145
Cabbage, Chinese	20	51	66	57	46	36	34
Carrot	674	2,870	2,103	1,090	943	713	1,019
Cauliflower	30	102	69	46	46	48	70
Celery	46	62	72	95	131	116	95
Chard, Swiss	149	632	518	363	303	211	215
Chicory	14	30	23	16	24	31	31
Collard	122	187	200	161	92	49	80
*Corn, Sw. Hybrids	1,056	4,388	3,431	3,904	5,522	5,306	5,445
*Corn, Sw. Vars.	2,305	4,308	3,745	3,025	2,046	2,190	3,001
*Corn, Non-Sweet	508	248	322	361	213	405	366
Cress	2	3	2	4	4	4	4
Cucumber	737	541	382	877	1,100	1,515	1,216
Dill	16	42	42	30	26	30	11
Eggplant	15	31	14	13	14	20	18
Endive	95	100	124	117	184	194	168
Kale	48	166	158	140	107	69	80
Kohlrabi	9	51	37	23	11	30	43
Leek	7	78	57	36	24	7	7
Lettuce, Heading	365	584	450	589	593	488	798
Lettuce, Leaf	178	569	484	370	264	202	275
Lettuce, Romaine	39	95	64	43	40	134	143
Muskmelon	324	252	266	590	811	786	611
Okra	125	105	80	145	189	190	226
Mustard	265	570	615	581	535	305	325
Onion	224	454	576	584	787	308	377
Parsley	126	149	178	199	150	122	189
Parsnip	72	195	185	165	73	26	33
*Peas, Smooth	20,730	15,186	6,464	9,834	12,903	7,863	4,295
*Peas, Wrinkled	30,651	44,272	14,301	26,337	71,822	63,951	38,219
Pepper	76	33	39	111	141	108	96
Pumpkin	154	165	153	189	170	197	132
Radish	1,528	2,660	2,660	2,022	1,581	1,322	1,905
Salsify	19	9	9	11	38	41	29
Spinach	1,569	3,096	1,195	1,560	2,093	1,524	1,307
Squash, Summer	276	539	534	595	487	468	521
Squash, Winter	142	336	350	335	398	336	244
Tomato	247	255	255	438	468	416	333
Turnip	1,566	2,331	2,808	1,343	1,040	646	1,080
Rutabaga	204	1,259	796	345	87	248	336
Total Large *Seeds	76,593	98,966	51,011	61,248	105,431	100,265	81,404
Total Small Seeds	11,282	22,464	18,859	16,127	16,108	13,566	15,505
GRAND TOTAL	87,875	121,430	69,870	77,375	121,539	113,831	96,909



Vegetable seeds: Supplies (production plus carry-over plus imports),

average 1940-41 to 1944-45, annual 1945-46 to 1949-50 planting seasons

K i n d	Average :						
	1940-41 to 1944-45	1945-46	1946-47	1947-48	1948-49	1949-50	1950-51
	1944-45					1/	2/
	T h o u s a n d p o u n d s						
*Beans, Dwf. Green	48,974	48,031	44,510	31,097	34,486	44,154	40,709
*Beans, Dwf. Wax	7,270	7,614	9,627	6,890	8,027	8,439	6,714
*Beans, Pole	9,562	10,322	8,976	8,175	8,712	11,311	8,413
*Beans, Dwf. Lima	17,352	14,875	15,264	16,340	25,028	23,039	18,801
*Beans, Pole Lima	2,301	2,411	2,240	1,608	1,913	2,154	1,610
Beet, Garden	3,263	4,900	3,200	3,514	2,738	3,232	3,083
Beet, Mangel	474	1,993	447	558	673	356	369
Broccoli	90	156	125	189	206	290	186
Brussels Sprouts	8	17	15	12	11	13	7
Cabbage	1,365	2,120	1,790	1,997	1,630	1,655	1,494
Cabbage, Chinese	49	64	86	80	56	58	40
Carrot	3,079	4,760	2,887	2,317	2,301	2,096	2,138
Cauliflower	91	131	132	149	141	117	83
Celery	82	116	145	182	163	140	106
Chard, Swiss	442	769	593	448	384	325	297
Chicory	29	50	41	38	45	45	34
*Corn, Sw., Hybrids	8,905	14,681	14,756	16,523	16,584	15,378	14,215
*Corn, Sw., Varieties	8,493	10,981	8,267	7,026	6,763	6,605	5,335
*Corn, Non-sweet	1,547	1,635	2,022	813	1,561	1,541	1,193
Cucumber	1,532	2,058	2,287	2,498	2,674	2,073	1,729
Dill	53	59	54	40	61	38	29
Eggplant	36	48	32	36	42	43	32
Endive	178	213	239	309	301	263	168
Kale	122	207	198	154	154	130	98
Kohlrabi	30	76	40	29	48	56	53
Leek	40	122	62	43	27	15	16
Lettuce, Heading	1,060	1,212	1,329	1,420	1,134	1,330	1,621
Lettuce, Loose-leaf	577	786	635	584	434	502	511
Lettuce, Romaine	140	132	147	133	149	182	157
Muskmelon	772	1,021	1,312	1,445	1,168	1,207	929
Mustard	694	1,001	944	849	711	621	696
Onion	1,586	2,948	1,479	1,754	1,360	1,275	1,299
Parsley	363	386	358	357	219	329	298
Parsnip	273	310	231	219	109	98	141
*Peas, Smooth	105,174	62,566	61,095	49,966	39,908	31,561	37,780
*Peas, Wrinkled	128,874	129,640	144,198	158,466	133,117	120,262	118,895
Pepper	161	161	283	279	246	239	256
Pumpkin	266	302	273	264	281	241	158
Radish	3,836	4,769	3,958	3,108	2,698	4,153	2,442
Salsify	38	19	26	66	44	41	31
Spinach	4,764	3,696	3,929	4,116	3,591	3,195	1,373
Squash, Summer	768	1,026	1,134	808	919	961	749
Squash, Winter	406	582	602	595	530	461	344
Tomato	654	725	874	910	829	729	952
Turnip	3,647	5,610	3,374	2,328	2,338	2,419	3,507
Rutabaga	748	1,796	828	428	393	455	525
Total, Large*Seeds	338,452	302,756	310,955	296,904	276,099	264,444	253,665
" Small Seeds	31,716	44,341	34,089	32,356	28,808	29,383	25,951
GRAND TOTAL	370,168	347,097	345,044	329,260	304,907	293,827	279,616

1/ Preliminary.

2/ Includes imports for July and August 1950.



Vegetable seeds: Total disappearance, average 1940-41 to 1944-45,  
annual 1944-45 to 1949-50 planting seasons

K i n d	Average : 1940-41 to 1944-45 : 1945-46 : 1946-47 : 1947-48 : 1948-49 : 1949-50						
	1944-45	1944-45	1945-46	1946-47	1947-48	1948-49	1949-50
	T h o u s a n d p o u n d s						
*Beans, Dwf. Green	37,220	41,272	32,910	33,520	25,097	28,097	31,344
*Beans, Dwf. Wax	5,274	5,333	5,894	6,886	4,899	4,330	4,258
*Beans, Pole	6,627	5,801	7,378	6,726	6,392	6,138	6,358
*Beans, Dwf. Lima	12,713	14,687	13,083	13,924	13,780	17,815	15,664
*Beans, Pole Lima	1,499	2,242	1,240	1,774	1,017	1,236	1,395
Beet, Garden	2,222	3,503	3,119	1,526	1,678	1,396	1,393
Beet, Mangel	345	769	1,742	321	477	513	53
Broccoli	32	29	56	48	84	45	130
Brussels Sprouts	4	7	6	4	6	4	6
Cabbage	735	1,007	968	834	917	674	510
Cabbage, Chinese	25	63	---	29	34	20	24
Carrot	2,025	2,948	2,657	1,797	1,374	1,588	1,077
Cauliflower	50	74	62	86	103	93	47
Celery	37	48	44	50	51	47	45
Chard, Swiss	193	202	251	230	145	173	110
Chicory	11	24	27	25	14	14	14
*Corn, Sw., Hybrids	7,281	10,308	11,250	10,852	11,001	11,278	9,933
*Corn, Sw., Varieties	6,095	6,831	7,236	5,242	4,980	4,573	3,604
*Corn, Non-sweet	1,092	2,052	1,313	1,661	600	1,156	1,175
Cucumber	958	1,102	1,676	1,410	1,398	1,159	857
Dill	30	29	17	24	14	31	27
Eggplant	19	31	34	19	22	22	25
Endive	86	123	89	122	125	107	95
Kale	58	52	49	58	47	85	50
Kohlrabi	15	24	39	17	18	18	13
Leek	19	42	65	26	19	20	8
Lettuce, Heading	654	586	762	740	827	646	532
Lettuce, Loose-leaf	320	309	302	265	320	232	227
Lettuce, Romaine	87	62	68	104	93	15	39
Muskmelon	476	596	755	722	634	382	596
Mustard	402	489	386	363	314	406	296
Onion	1,365	2,632	2,372	895	967	1,052	898
Parsley	236	171	208	159	207	97	140
Parsnip	175	135	125	66	146	83	65
Peas, Smooth	82,353	107,310	56,102	51,261	37,063	32,045	27,266
Peas, Wrinkled	97,939	101,489	115,339	117,861	86,644	69,166	82,043
Pepper	98	110	122	172	138	138	143
Pumpkin	108	156	149	84	94	84	109
Radish	2,067	2,044	2,109	1,936	1,527	1,376	2,248
Salsify	21	19	10	15	28	3	17
Spinach	2,895	2,713	2,501	2,369	2,023	2,067	1,888
Squash, Summer	427	475	492	539	421	451	44
Squash, Winter	229	332	232	267	197	194	217
Tomato	423	380	470	436	442	413	396
Turnip	2,055	2,640	2,802	2,031	1,288	1,692	1,339
Rutabaga	342	522	1,000	483	341	145	119
Total, Large *Seeds	258,093	297,325	251,745	249,707	191,473	175,834	183,040
" Small Seeds	19,244	24,448	25,766	18,272	16,533	15,485	14,188
GRAND TOTAL	277,337	321,773	277,511	267,979	208,006	191,319	197,228

1/ Preliminary